

Docket No.: FICHTNER
Appl. No.: 10/789,411

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently amended) An electric machine, comprising
a shaft; and
a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in the area of the plate, said plate having a rotor core distal planar outer surface and extending to an area of the shaft.
2. (Original) The electric machine of claim 1, wherein the plate has an inner diameter which is greater than an inner diameter of the rotor core.
3. (Original) The electric machine of claim 1, wherein the plate has an inner diameter which is greater than an inner diameter of the rotor core by at least 2 mm.
4. (Currently amended) ~~[[The]]~~ An electric machine of claim 1, comprising:
a shaft; and
a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in

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the area of the plate, wherein the plate has at least three webs extending substantially radially inwardly to ~~realize a radial disposition of~~ hold the plate radially on the shaft.

5. (Original) The electric machine of claim 4, wherein the webs have a width in the range from 4 to 20 mm
6. (Original) The electric machine of claim 4, wherein at least one of the webs has means for providing flexibility in a radial direction.
7. (Original) The electric machine of claim 6, wherein the at least one web is formed with a slit in circumferential direction to provide the radial flexibility.
8. (Original) The electric machine of claim 6, wherein the at least one web is formed with a hole to provide the radial flexibility.
9. (Currently amended) The electric machine of claim 6, wherein the material in the at least one web is reduced ~~in material~~ by laser application to provide the radial flexibility.
10. (Original) The electric machine of claim 9, wherein the at least one web has a shaft-proximal end zone from which material is removed by laser application to provide the radial flexibility.

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11. (Original) The electric machine of claim 4, wherein the webs define an inner diameter, said webs being plastically deformed to slightly enlarge the inner diameter of the webs.
12. (Currently amended) The electric machine of claim 6, wherein at least one of the webs is provided with a fitted key for realizing providing an angular alignment of the plate in relation to the shaft.
13. (Currently amended) ~~[[The]]~~ An electric machine of ~~claim 4~~, comprising:
a shaft; and
a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in the area of the plate, wherein the plate is formed with slots for accommodation of rotor bars, and recesses for operation of the electric machine or its manufacture.
14. (New) The electric machine of claim 1, wherein the plate is constructed as a sleeve having a recessed inner surface in confronting relationship to the rotor core, thereby defining a gap between the plate and the rotor core.
15. (New) The electric machine of claim 1, wherein the plate has an inner diameter so as to bear upon an outer diameter of the shaft.